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RUBBER INDUSTRY REQUIRES NEW TECHNIQUES; DEVELOP NEW GLASS PRODUCTS

INDICATE NEED FOR MECHANIZATION AT RUBBER ENTERPRISES -- Moscow, Moskovskaya Pravda, 20 Oct 51

The Moscow Krasnyy Bogatyr' Plant is one of the largest enterprises in the country for production of rubber footwear. However, it has been lagging for several months. During a 9-month period, it failed to produce thousands of pairs of overshoes, failed to maintain its assigned variety of types, and overconsumed large amounts of material. The leading method of producing overshoes, by stamping, which reduces consumption of all materials and requires less production area, is being perfected slowly here.

The Moscow Tire Plant, which has not fulfilled its plan for heavy tire casings, is slowly overcoming its lag.

The Moscow Kauchuk Plant is not able to cope with its assigned list of type designations, and has failed to produce rubber parts for a number of machine-building enterprises.

The most important tasks which confront workers in the chemical industry are the further mastery of new techniques and the mechanization of production processes. There is much to be done, particularly in further mechanization in rubber chemistry enterprises, where much labor is still done by hand.

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CREATES HIGH FREQUENCY CURRENTS LABORATORY -- Moscow, Vechernyaya Moskva, 30 Oct 51

A high frequency currents laboratory has gone into operation at the Moscow Kauchuk Plant. Thick sheets of rubber can be heated more quickly by high-frequency currents than by the thermal method, and even heating of the rubber stock is provided.

TO SERIES PRODUCE DUMP TRUCK TIRES -- Moscow, Vechernyaya Moskva, 27 Oct 51

The Yaroslavl' Tire Plant has mastered series production of tires for dump trucks operating at the great construction projects.

EXPAND USE OF GLASS PRODUCTS FOR CONSTRUCTION PURPOSES -- Ashkhabad, Turkmenskaya Iskra, 24 Jun 51

Such materials as stalinite and foam glass have achieved great repute. Stalinite is unbreakable and as durable as metal. Foam glass is less durable than stalinite, but many times as light. It floats in water. The use of foam glass in construction has been widely extended during recent years. Glass blocks and glass pipe are quite common.

DEVELOP TELESCOPIC EYEGLASSES -- Moscow, Vechernyaya Moskva, 10 Jul 51

Professor L. N. Gosovskiy, associate of the Scientific Research Optical Institute, and E. F. Mironov, engineer at the Optics and Mechanics Plant of the Ministry of Health, have designed so-called telescopic eyeglasses. The main part of the glasses is a system of lenses which intensifies the sharpness of the image 35 times. The eyeglasses enable persons whose loss of sight is as high as 95.5 percent to read and write without difficulty.

The first samples of the telescopic glasses were sent to medical institutions in Moscow and other cities. The plant has received good testimonials.

SUPPLIES WINDOW GLASS TO CONSTRUCTION PROJECT -- Kiev, Pravda Ukrainy, 25 Jul 51

The Lisichansk Glass Plant is supplying window glass for the Volga-Don construction project.

NEW GLASS PLANT TO HAVE AUTOMATIC EQUIPMENT -- Ashkhabad, Turkmenskaya Iskra, 24 Jun 51

Before it was destroyed by earthquake, the Glass Plant imeni Profintern operated with two tank furnaces. One shop, used for producing bottles, was equipped with PVM (Shiller) semiautomatics; the other, for canning jars, had two lines of JPM (Dzhey-pi-em) automatic machines. The plant is now operating in space belonging to the Mechanized Glass Plant imeni Kalinin, using four semiautomatic PVMs. Work on these machines requires great physical exertion.

Construction of a new glass plant of the most modern type is beginning this year. It will produce not only bottles and jars, but also thermos bottles and white glassware. To improve working conditions at the temporary

headquarters of the Plant imeni Profintern, the Ministry of Light Industry granted the plant's request for release of one of the LAM-2 automatics slated for the new plant.

The first consignment of mechanisms has already been received. In August or September the machine will be installed in the temporary plant, where it will be used to train personnel for the new plant. The machine completely obviates the need for heavy physical exertion. Bottles are produced automatically, and productivity of the machine, which is attended by only three men, is greater than that of the four semiautomatics now in operation.

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